Subject: Re: replacing blocks in an array with other array values?
Posted by David Fanning on Sun, 25 Dec 2011 23:44:16 GMT
View Forum Message <> Reply to Message

Ecaterina Coman writes:

> I have a 4*4 array, for example, and i want to replace the center 2*2
> block of an array with the values in another array
>
> lets say A is 4*4
> and B is 2*2
> I tried doing A[1:2,1:2]=B but it doesn't change anything in A
> on the other hand, when I put A[1:2,1:2]=some scalar, it replaces the
> whole block by that scalar and works
>
> i feel like there should be a simple way to do this but cannot figure
> it out

You will have to specify the lower-left corner of the
array, like this:

```
IDL> a = indgen(4, 4)
IDL> b = indgen(2,2)+20
IDL> a[1,1] = b
IDL> print, a
     0    1    2    3
     4   20   21    7
     8   22   23   11
    12   13   14   15
```

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")